Application No. Applicant(s) Index of Claims 10/036,600 BUSHELL ET AL. Art Unit Examiner 3676 Carlos Lugo (Through numeral) Cancelled Rejected Non-Elected Appeal N o Objected Allowed Restricted Interference

| Cla   | Claim Date |          |                       |              |          |   |          |          |            | CI       | <u> </u> | Date     |          |          |   |          |          |          |          | CI       | aim    | Date     |          |                 |               |         |                    |   |                |                    |   |
|-------|------------|----------|-----------------------|--------------|----------|---|----------|----------|------------|----------|----------|----------|----------|----------|---|----------|----------|----------|----------|----------|--------|----------|----------|-----------------|---------------|---------|--------------------|---|----------------|--------------------|---|
| Final | Original   | 6/21/04  |                       |              |          |   |          |          |            |          | Final    | Original |          |          |   |          |          |          |          |          |        | Final    | Original |                 |               |         |                    |   |                |                    |   |
| 1     | 1          | =        |                       | T            | T        |   |          |          |            | П        |          | 51       | Г        |          |   | ヿ        | T        |          | ヿ        | 寸        | 7      |          | 101      | П               | $\neg \vdash$ | T       | 1                  | $\top$  | $\vdash$       |                    |   |
|       | 2          | İ        |                       | T            | 7        |   |          |          |            | П        |          | 52       | m        |          |   | $\neg$   |          | $\dashv$ | 寸        | 7        | 7      |          | 102      | T               | T             | Ť       | 十                  | 1   | $\vdash$       | П                  |   |
|       | 1          |          |                       | T            | T        |   |          |          |            |          |          | 53       | Г        |          |   |          |          | $\neg$   |          |          | $\neg$ |          | 103      |                 |               | T       | T                  | Ť   |                | П                  |   |
|       |            | Г        |                       | Т            | T        |   |          |          |            |          |          | 54       |          |          |   |          |          | $\neg$   | $\neg$   | $\neg$   | $\neg$ |          | 104      |                 |               | Т       | T                  | T   | Т              | П                  |   |
|       | \$         |          |                       | T            |          |   |          |          |            |          |          | 55       |          |          |   |          |          | $\neg$   |          | $\neg$   |        |          | 105      | П               | _ _           | T       | Т                  | Τ   |                | П                  |   |
|       | 6          | П        |                       | T            |          |   |          |          |            | П        |          | 56       |          |          |   |          |          | 一        | ヿ        | $\neg$   |        |          | 106      |                 | $\neg \vdash$ | T       | $\top$             |   |                | П                  |   |
|       | 1          | П        |                       | T            | T        |   |          |          |            | П        |          | 57       |          |          |   | $\neg$   |          |          | 一        |          | 7      |          | 107      |                 | 丁             |         | 丅                  | Τ   | Τ              |                    |   |
| 2     | 8          | =        |                       | T            | T        |   |          |          |            | П        |          | 58       |          |          |   |          |          |          |          |          | $\neg$ |          | 108      |                 |               |         | 1                  | Τ   | Г              | $\Box$             |   |
| 3     | 9          | =        |                       | Т            |          |   |          |          |            |          |          | 59       |          |          |   |          |          |          |          |          |        |          | 109      |                 |               |         | Т                  | Τ   |                |                    |   |
| 4     | 10         | =        |                       |              |          |   |          |          |            |          |          | 60       |          |          |   |          |          |          |          |          |        |          | 110      |                 |               |         |                    | Π   |                |                    |   |
|       | 10         |          |                       |              |          |   |          |          |            |          |          | 61       |          |          |   |          |          |          |          |          |        |          | 111      |                 |               |         |                    |   |                |                    |   |
|       | 12         |          |                       | Ι            |          |   |          |          |            |          |          | 62       |          |          |   |          |          |          |          |          |        |          | 112      |                 |               |         |                    |   |                |                    |   |
|       | 13         |          |                       | Ι            | I        |   |          |          |            |          |          | 63       | Ĺ        |          |   |          |          | J        | ┚        |          | _]     |          | 113      |                 |               |         | $\perp$            |   | Ĺ              |                    |   |
|       | 14         |          |                       | Ι            | I        |   |          |          |            |          |          | 64       |          |          |   |          |          | $\Box$   | $\Box$   |          |        |          | 114      |                 |               |         | $\perp$            |   | $\Box$         |                    |   |
|       | 15         |          |                       |              |          |   |          |          |            |          |          | 65       |          |          |   |          |          |          |          |          |        |          | 115      |                 |               |         |                    |   |                |                    |   |
|       | 16         |          |                       |              |          |   |          |          |            |          |          | 66       | 匚        |          |   |          | $\Box$   | ┚        | $\Box$   |          |        |          | 116      |                 |               | Ţ       | $oldsymbol{\perp}$ | L   | 匚              |                    |   |
|       | 17         |          |                       |              |          |   |          |          |            |          |          | 67       |          |          |   |          |          |          |          |          |        |          | 117      | _               |               |         |                    | $oxed{oxed}$  |                |                    |   |
|       | 18         |          |                       |              |          |   |          |          |            |          |          | 68       |          |          |   |          |          |          |          |          |        |          | 118      |                 |               |         |                    |   |                |                    |   |
| 5     | 19         | =        |                       |              |          |   |          |          |            |          |          | 69       |          |          |   |          |          |          |          |          |        |          | 119      |                 |               |         |                    |   |                |                    |   |
|       | <b>2</b> D |          |                       |              |          |   |          |          |            |          |          | 70       |          |          |   |          |          |          |          |          |        |          | 120      |                 |               |         |                    |   |                |                    |   |
| 6     | 21         | =        |                       | $\perp$      |          |   |          |          |            |          |          | 71       |          |          |   |          |          |          |          |          |        |          | 121      |                 |               |         |                    |   |                |                    |   |
|       | 22<br>23   |          |                       |              |          |   |          |          |            | Ш        |          | 72       |          |          |   |          |          |          |          |          | _]     |          | 122      |                 | l_            |         |                    |   |                |                    |   |
|       | <b>4</b> 3 |          |                       |              |          |   |          |          |            |          |          | 73       | Ĺ        |          |   |          |          |          |          |          |        |          | 123      |                 |               |         | L                  |   |                |                    |   |
|       | 144        |          |                       |              |          |   |          |          |            |          |          | 74       |          |          |   |          |          |          |          |          | _]     |          | 124      |                 |               |         |                    |   |                |                    |   |
|       | 25         |          |                       | $\perp$      | _        | _ |          |          |            | Ш        | <u> </u> | 75       | L        |          |   |          | $\sqcup$ | _        | _        | $\Box$   | _      |          | 125      |                 |               |         | $\perp$            | ╙   | L              | Ш                  |   |
|       | 26         |          |                       | $\perp$      |          |   |          |          |            |          |          | 76       | L        |          |   |          |          |          |          |          |        |          | 126      |                 |               |         |                    |   |                | Ш                  |   |
|       | 27         |          |                       | $\perp$      | $\perp$  |   |          |          |            | Ш        | L        | 77       | L        |          |   |          | _        |          | _        |          |        |          | 127      |                 |               |         | $\perp$            | $\perp$   | $oxed{oxed}$   | Ш                  |   |
|       | 28         |          |                       |              | $\perp$  |   |          |          |            | Ш        |          | 78       | L        |          |   | _        | _        | $\perp$  |          | $\perp$  |        |          | 128      |                 |               | _       | $\perp$            | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | $oxed{oxed}$   | Ш                  |   |
|       | 29         | <u> </u> |                       | ┵            | _        |   |          |          |            | Ш        |          | 79       | L        |          |   | _        |          | _        | _        | _        |        |          | 129      |                 |               | $\perp$ | 1                  | ↓_  | L              |                    |   |
| 7     | 30         | =        |                       | $\perp$      | _        |   |          |          |            | Ш        |          | 80       | L        |          |   | _        | _        | _        | _        | _        |        |          | 130      |                 | _ _           |         | 1_                 | ↓   | <u> </u>       |                    |   |
| 8     | 31         | =        | Ш                     | ┵            | _        |   |          | Ш        |            | Ш        |          | 81       | <u> </u> |          |   |          | _        | $\Box$   |          |          |        |          | 131      |                 | _ _           |         | ┸                  | 丄   | 上              | Ш                  |   |
| 9     | 32         | =        | oxdot                 | ┸            | _        |   |          |          |            | Ш        | ļ        | 82       | L        | _        |   | _        |          | _        | _        | _        | _      |          | 132      |                 | _ _           | - -     | 1_                 |   | _              | Ш                  |   |
|       | 33         | _        | $\sqcup \!\!\! \perp$ | $\perp$      | 4        |   |          |          |            | Ш        | <u> </u> | 83       | <b>L</b> | <u> </u> |   |          | _        |          | _        |          | _      |          | 133      |                 | _             | 4_      | _                  | ↓_  | <u> </u>       | Ш                  |   |
|       | 34         | <u> </u> | $\sqcup \!\!\! \perp$ | $\perp$      | 4        | _ |          | _        |            | Ш        | <u> </u> | 84       | <u> </u> | <u> </u> |   | _        | _        | _        | _        | _        |        |          | 134      | Щ               | _ _           | 4-      | ╀-                 | 4_  | ↓_             | $\sqcup$           |   |
|       | 35         | <u> </u> | $\sqcup$              | $\perp$      | $\perp$  |   | Щ        |          |            | Ш        |          | 85       | <u> </u> | $\sqcup$ |   | _        |          | _        |          | $\dashv$ | _      | -        | 135      | $\sqcup$        | _             | +       | -                  | ╀-  | <del> </del> _ | $ldsymbol{\sqcup}$ |   |
|       | 36         | <u> </u> | $\sqcup \bot$         | 1            | 4        | _ |          | Щ        |            | Ш        | <u> </u> | 86       | <u> </u> | _        |   | _        |          | _        | $\dashv$ | $\dashv$ |        |          | 136      |                 | <u> </u>      | +-      | 4                  | _   | <del> </del>   | $\sqcup$           |   |
| L     | 37         | <u> </u> | $\sqcup \!\!\! \perp$ | $\perp$      | 4        | _ | _        | <u> </u> |            | Ш        | <u> </u> | 87       | <u> </u> |          |   |          |          | _        | _        | $\dashv$ |        |          | 137      | $\sqcup$        |               | -       | $\bot$             | <del> </del>  | ↓_             | $\sqcup$           |   |
|       | 38         | <u>L</u> | $\sqcup \bot$         | 4            | 4        | _ | $\Box$   | Ш        |            | Ш        |          | 88       | <u> </u> | <u> </u> |   |          | ļ        | _        | _        | _        | _      | L.       | 138      | $\sqcup$        |               | $\perp$ | $\bot$             | ـ   | ┞-             | Ш                  |   |
|       | 39         | <u> </u> | _ _                   | 1            | 4        |   | $\Box$   | Щ        | _          | Ш        |          | 89       | ╙        | Ш        |   | _        | _        | _        | _        | _        | _      | 1        | 139      | $\sqcup$        | _             | $\bot$  | $\bot$             | +   | 1              | Ш                  |   |
|       | 40         | <u> </u> | $\sqcup$              | $\perp$      | 4        | _ | Ш        | Ш        |            | Ш        |          | 90       | <u> </u> |          |   |          | ļ        | _        |          | _        | _      |          | 140      |                 | _ _           | 4       | $\perp$            | $\perp$   | 1              | Ш                  |   |
| L     | 41         | <u> </u> | $\sqcup$              | $\downarrow$ | 4        | _ | $\Box$   | Щ        |            | Ш        |          | 91       | <u> </u> | Щ        |   | $\dashv$ |          |          | _        | 4        | _      | -        | 141      | Ш               | _ _           | 4       | 4_                 | ↓_  | _              | Ш                  |   |
|       | 42         | <u> </u> | $\sqcup$              | 1            | 4        |   |          |          |            | Ш        |          | 92       | <u> </u> |          |   |          |          | _        |          | _        |        |          | 142      | $\vdash$        | -             | 4       | -                  | 4_  |                | Ш                  |   |
|       | 43         | <u> </u> | _ _                   | 4            | 4        |   |          | Ш        |            | Ш        | _        | 93       |          |          |   | _        | _ ļ      | _        | _        | ļ        | _      | <u> </u> | 143      | $\sqcup$        |               | ╀       | $\perp$            | $\bot$  | 1_             | $\sqcup$           |   |
|       | 44         | <u> </u> | $\sqcup$              | +            | 4        | _ | Щ        | Ш        |            | Ш        |          | 94       | <u> </u> | Щ        |   |          |          |          |          |          | _      | ļ        | 144      | $\dashv$        |               | ╁.      | 1                  | $\perp$   | _              | Ш                  |   |
|       | 45         |          | $\vdash$              | +            | 4        |   |          | Ш        |            | Ш        |          | 95       | $\vdash$ |          |   |          | _        |          | _        | _        | _      |          | 145      | $\vdash$        | -             | +       | 4                  | +   | 1              | $\sqcup$           | _ |
|       | 46         | <u> </u> | ⊢-                    | +            | $\dashv$ |   | ш        | L.       |            | Н        |          | 96       | L        | H        |   |          | _        | _        | _        | _        | _      | <u> </u> | 146      | Ш               |               | 4-      | +-                 | ╂   | ╀              | H                  |   |
|       | 47         | <u> </u> | -                     | +            | 4        | _ |          |          | <u> </u>   | Ш        |          | 97       | <u> </u> | -        | _ | _        | _        | 4        | _        | _        | _      | -        | 147      | $\sqcup$        |               | +       | +                  | +-  |                | $\vdash$           |   |
|       | 48         | <b>-</b> | $\vdash$              | +            | 4        | _ | $\vdash$ | Ш        | _          | $\vdash$ | -        | 98       | Ш        |          |   |          |          |          |          |          | _      |          | 148      | $\vdash \dashv$ | _             | +       | +                  | +   | <del> </del>   | $\sqcup$           |   |
|       | 49         | <b>—</b> | $\vdash$              | +            | $\dashv$ | _ |          | _        | <b>-</b> - | Н        | <u> </u> | 99       | -        | Щ        |   |          | _        | -        |          |          | _      | <u> </u> | 149      | $\dashv$        | -             | ╀       | +                  | ┼   | <del> </del>   | Ш                  |   |
|       | 50         |          |                       |              | ᆚ        |   |          | L_J      | Ц.         | Ш        | L        | 100      | ட        |          |   |          |          |          |          |          |        | L        | 150      | Ш               |               | 丄       | 丄                  |   | <u></u>        |                    |   |